

Approved for use through 10-31-09. DM&B OES 1-3031

PATENT AND TRADEMARK OFFICE: U.S. DEPARTMENT OF COMMERCE

Please type or print and fit inside this box -

4

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
<p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p> <p>OCT 25 2006 IAP/BS U.S. TRADEMARK OFFICE</p>			
		Application Number	10/561,829
		I.A. Filing Date	June 25, 2004
		First Named Inventor	Shaharyar Khan
		Group Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	GNC 0001
Sheet	1	of	3

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

SEARCH ATTACHED DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
		PCT	WO 98/46271		Strategene, Inc.	10-22-1998	
		PCT	WO 00/19993		Brownlee	04-13-2000	
		PCT	WO 01/75164		Whitehead Biomedical Institute; Max Planck Gesellschaft; Massachusetts Institute of Technology; University of Massachusetts Medical Ct.	10-11-2001	
		PCT	WO 03/052067		University of Virginia Patent Found.	06-26-2003	

Examiner's Signature		Date Considered	
-------------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

¹ Unique citation designation number ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

³ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁴ Applicant to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS: SENT TO: Assistant Commissioner for Patent, Washington, DC 20231.

Please type a plus sign (+) inside this box →

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/561,829
		I.A. Filing Date	June 25, 2004
		First Named Inventor	Shaharyar Khan
		Group Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
Sheet 1 of 1	of	3	Attorney Docket Number

OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		ALAM, et al., "Human mitochondrial DNA is packaged with TFAM", <i>Nucleic Acids Res.</i> , 31(6):1640-5 (2003).	
		CLINE and HENRY "Import and routing of nucleus-encoded chloroplast proteins", <i>Annu. Rev. Cell Dev. Biol.</i> , 12:1-26 (1996).	
		DEL GAIZO and PAYNE, "A novel TAT-mitochondrial signal sequence fusion protein is processed, stays in mitochondria, and crosses the placenta", <i>Mol. Ther.</i> , 7(6):720-30 (2003).	
		DEL GAIZO, et al., "Targeting proteins to mitochondria using TAT", <i>Mol. Genet. Metab.</i> , 80(1-2):170-80 (2003).	
		DEROSSI, et al., "The third helix of the Antennapedia homeodomain translocates through biological membranes", <i>J. Biol. Chem.</i> , 269(14):10444-50 (1994).	
		EMANUELSSON, et al., "Predicting subcellular localization of proteins based on their N-terminal amino acid sequence", <i>J. Mol. Biol.</i> , 300(4):1005-16 (2000).	
		FRANKEL and PABO, "Cellular uptake of the tat protein from human immunodeficiency virus", <i>Cell</i> , 55(6):1189-93 (1988).	
		HO, et al., "Synthetic protein transduction domains: enhanced transduction potential <i>in vitro</i> and <i>in vivo</i> ", <i>Cancer Res.</i> , 61(2):474-7 (2001).	
		KABOURIDIS, "Biological applications of protein transduction technology", <i>Trends Biotechnol.</i> , 21(11):498-503 (2003).	
		MURPHY, "Selective targeting of bioactive compounds to mitochondria", <i>Trends Biotechnol.</i> , 15(8):326-30 (1997).	
		SANDMAN, et al., "Diversity of prokaryotic chromosomal proteins and the origin of the nucleosome", <i>Cell. Mol. Life Sci.</i> , 54(12):1350-64 (1998).	

Examiner's Signature	Date Considered
----------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

¹ Unique citation designation number ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁶ Applicant to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SENT TO: Assistant Commissioner for Patent, Washington, DC 20231.

+



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>		Application Number	10/561,829
		I.A. Filing Date	June 25, 2004
		First Named Inventor	Shaharyar Khan
		Group Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	GNC 0001
Sheets 1 of 1	of	3	

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Signature	/Qian Janice Li/ (10/02/2009)	Date Considered	
----------------------	-------------------------------	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

¹ Unique citation designation number ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SENT TO: Assistant Commissioner for Patent, Washington, DC 20231.